

## Y-12 Salvage Yard Scrap Removal

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**Scope:** The Y-12 Salvage Yard Scrap Removal project will remediate scrap as specified in the UEFPC Phase II (Soils and Scrapyard) Interim Record of Decision (ROD)<sup>1</sup>. The project objective is to characterize, remove, transport, and dispose all scrap materials currently stored at the yard. The Y-12 Salvage Yard [also known as the Old Salvage Yard (OSY)] is located at the west end of the Y-12 National Security Complex and was used from the early 1970's until 1999 to receive scrap metal from operations at Y-12. In the late 1980's, the Perimeter Intrusion Detection Assessment System (PIDAS) was constructed, which split the Y-12 Salvage Yard into two segments.

The Y-12 Salvage Yard inventory is stored in open piles as well as in drums and other containers and consists of both radioactively-contaminated and non-radioactively contaminated scrap metal. The principal radioactive contaminant is depleted uranium. The Y-12 Salvage Yard scrap removal is planned by the Integrated Facility Disposition Program (IFDP) at an estimated cost of \$36M.

### **Environmental Risk and Principal Threat Source Material Rating: Medium**

- The primary risk reduction objective of the Y-12 Salvage Yard Scrap Removal project is to protect industrial workers from exposure to hazardous substances.
- Large open piles of radioactively-contaminated scrap are stored on bare earth in the Y-12 Salvage Yard. Scrap removal will allow remediation of contaminated soils at the Y-12 Salvage Yard to be performed as part of the UEFPC Soils Remediation project.

### **Other Prioritization Factors:**

- Y-12 Salvage Yard scrap removal, along with the UEFPC Soils Remediation project, will release strategic real estate as part of the planned transformation of Y-12 into a modernized, cost-effective Nuclear Weapons Complex.

### **Overall Prioritization: Medium**

- Y-12 Salvage Yard scrap removal and remediation of underlying soils as part of the UEFPC Soils Remediation project are planned for early implementation by IFDP. The Y-12 Salvage Yard is the largest area planned for excavation in the UEFPC Phase II Interim ROD. The overall prioritization for the Y-12 Salvage Yard Scrap Removal project is **Medium**.

*The information presented in this fact sheet is preliminary and will be refined during Critical Decision-2/3 development.*

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<sup>1</sup> Record of Decision for Phase II Interim Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee, DOE/OR/01-2229&D3, DOE 2006

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For more information, please contact the DOE public affairs office at (865) 576-0885.

